

ECS Configuration Change Request

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|--|---|---|--------------------------------------|--|-------------------------|------------------------|--|---|--|--------------------------------------|------------------------------|--------------------------------------|-----------------------------|-----------------------------------|---------------------------------|-------------------------------------|---|-----------------------------------|--------------------------------------|-----------------------------------|--|
| CCR No. 96-1376 | | Logged Date 12/4/96 | | Rev. - | Request Type CCR | | | | | | | | | | | | | | | | |
| Priority | Routine <input type="checkbox"/> | Urgent <input checked="" type="checkbox"/> | Emergency <input type="checkbox"/> | Affected Release NA | | Change Class II | | | | | | | | | | | | | | | |
| Title (description) Updates to Volume 4 of Science User's Guide Relevant to Release A of ECS | | | | | | | | | | | | | | | | | | | | | |
| Documents Affected: 205-CD-002-002 Science User's Guide and Operations Procedures Handbook for the ECS Project, Volume 4 | | | | Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference AC-96-0578 | | | | | | | | | | | | | | | | | |
| RTM Change <input type="checkbox"/> | | Start New <input checked="" type="checkbox"/> Baseline | | | | | | | | | | | | | | | | | | | |
| Problem New capabilities and revised functions for ECS Release A require updates to DID 205, Volume 4: Software Developer's Guide to Preparation, Delivery, Integration and Test with ECS. Primary changes relate to inclusion of Science Data Server and automated Planning and Data Processing Subsystem (PDPS) into ECS. Science software developers need to work with ECS Science Office to prepare and deliver new files in addition to their source code and script files, including Earth Science Data Type (ESDT) descriptor files and Metadata Configuration Files (MCFs). They need to prepare for new and additional functions for Science Software Integration and Test (SSI&T) at the DAACs. Each Instrument Team and DAAC need to update their Memorandum of Understanding in accord with new requirements described in DID 205. | | | | | | | | | | | | | | | | | | | | | |
| Proposed Solution Update Volume 4 of DID 205 with information about ESDTs, metadata, and services on data available in Release A; description of how to prepare and deliver new types of files, information on new capabilities and requirements for integration and test at the DAACs, new requirements for deliveries to DAACs, information on subscriptions, and other relevant information. Remove references to Marshall Space Flight Center from the document. | | | | | | | | | | | | | | | | | | | | | |
| Impact Analysis: Organizations Affected: <table border="0"> <tr> <td>BOO <input type="checkbox"/></td> <td>Contracts <input type="checkbox"/></td> <td>ECS Chief Eng <input type="checkbox"/></td> <td>FOS <input type="checkbox"/></td> <td>M&O <input type="checkbox"/></td> </tr> <tr> <td>Procurement <input type="checkbox"/></td> <td>QO <input type="checkbox"/></td> <td>Rel. Dev <input type="checkbox"/></td> <td>Rel. C <input type="checkbox"/></td> <td>SCDO Arch. <input type="checkbox"/></td> </tr> <tr> <td>Science Off <input checked="" type="checkbox"/></td> <td>Security <input type="checkbox"/></td> <td>Subcontract <input type="checkbox"/></td> <td>Sys. Eng <input type="checkbox"/></td> <td>Sys Verf Acpt <input type="checkbox"/></td> </tr> </table> | | | | | | | BOO <input type="checkbox"/> | Contracts <input type="checkbox"/> | ECS Chief Eng <input type="checkbox"/> | FOS <input type="checkbox"/> | M&O <input type="checkbox"/> | Procurement <input type="checkbox"/> | QO <input type="checkbox"/> | Rel. Dev <input type="checkbox"/> | Rel. C <input type="checkbox"/> | SCDO Arch. <input type="checkbox"/> | Science Off <input checked="" type="checkbox"/> | Security <input type="checkbox"/> | Subcontract <input type="checkbox"/> | Sys. Eng <input type="checkbox"/> | Sys Verf Acpt <input type="checkbox"/> |
| BOO <input type="checkbox"/> | Contracts <input type="checkbox"/> | ECS Chief Eng <input type="checkbox"/> | FOS <input type="checkbox"/> | M&O <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Procurement <input type="checkbox"/> | QO <input type="checkbox"/> | Rel. Dev <input type="checkbox"/> | Rel. C <input type="checkbox"/> | SCDO Arch. <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Science Off <input checked="" type="checkbox"/> | Security <input type="checkbox"/> | Subcontract <input type="checkbox"/> | Sys. Eng <input type="checkbox"/> | Sys Verf Acpt <input type="checkbox"/> | | | | | | | | | | | | | | | | | |
| Cost: <table border="0"> <tr> <td>None <input checked="" type="checkbox"/></td> <td>Small <input type="checkbox"/></td> <td>Medium <input type="checkbox"/></td> <td>Large <input type="checkbox"/></td> </tr> <tr> <td></td> <td>(Not exceeding \$100,000)</td> <td>(\$100,000 to \$500,000)</td> <td>(Over \$500,000)</td> </tr> </table> | | | | | | | None <input checked="" type="checkbox"/> | Small <input type="checkbox"/> | Medium <input type="checkbox"/> | Large <input type="checkbox"/> | | (Not exceeding \$100,000) | (\$100,000 to \$500,000) | (Over \$500,000) | | | | | | | |
| None <input checked="" type="checkbox"/> | Small <input type="checkbox"/> | Medium <input type="checkbox"/> | Large <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| | (Not exceeding \$100,000) | (\$100,000 to \$500,000) | (Over \$500,000) | | | | | | | | | | | | | | | | | | |
| Schedule: <table border="0"> <tr> <td>None <input checked="" type="checkbox"/></td> <td>Other</td> </tr> </table> | | | | | | | None <input checked="" type="checkbox"/> | Other | | | | | | | | | | | | | |
| None <input checked="" type="checkbox"/> | Other | | | | | | | | | | | | | | | | | | | | |
| Additional LOC _____ Man-Months _____ Materials _____ | | | | | | | | | | | | | | | | | | | | | |
| Originator <u>Shirley M. Read</u> (signed) <u>Shirley M. Read</u> <u>1/7/97</u> <div style="text-align: center;">Signature Date</div> | | | | | | | | | | | | | | | | | | | | | |
| Office <u>SO</u> Office Manager (signed) <u>Joe Senftle</u> <u>1/7/97</u> <div style="text-align: center;">Signature Date</div> | | | | | | | | | | | | | | | | | | | | | |
| Disposition <table border="0"> <tr> <td>Approved <input checked="" type="checkbox"/></td> <td>Approved w/Comment <input type="checkbox"/></td> <td>Forward <input type="checkbox"/></td> <td>Disapproved <input type="checkbox"/></td> </tr> </table> | | | | | | | Approved <input checked="" type="checkbox"/> | Approved w/Comment <input type="checkbox"/> | Forward <input type="checkbox"/> | Disapproved <input type="checkbox"/> | | | | | | | | | | | |
| Approved <input checked="" type="checkbox"/> | Approved w/Comment <input type="checkbox"/> | Forward <input type="checkbox"/> | Disapproved <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | |
| <div style="text-align: right;"> CCB Chairperson (signed) <u>Farzad Davarya</u> <u>1/15/97</u> <div style="text-align: center;">Signature Date</div> </div> | | | | | | | | | | | | | | | | | | | | | |